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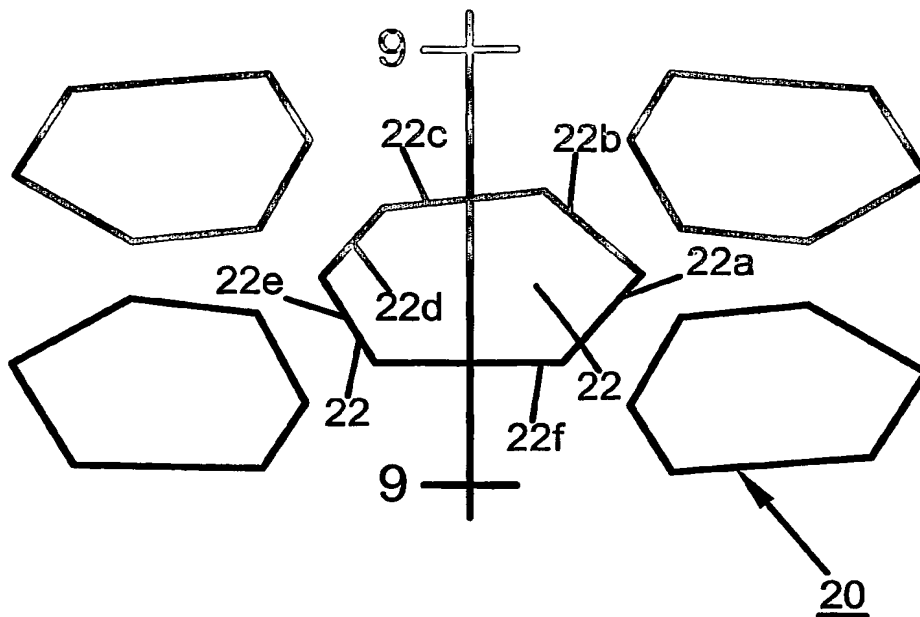
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Declarations under Rule 4.17:

— as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA,

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(54) Title: EXPLOSION-INHIBITING ARTICLES OF MANUFACTURE



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(57) Abstract: Articles of manufacture formed of an apertured sheet material, the sheet material being provided with at least one row of a plurality of polygonal apertures, at least one of said polygonal apertures being irregular with respect to at least one adjacent polygonal aperture, and having physical characteristics comprising; i) a surface area per unit volume of application of at least about 2,000 times the contact surface of flammable fluids contained in a containing vessel, ii) a heat conductivity of at least about 0.025 Cal/cm-sec. Preferably, the inner peripheral length of at least one of said apertures is unequal to the inner peripheral length of at least one adjacent aperture. Further, the article preferably has a compressive yield of not more than about 10 percent.

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